

Message Text

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ACTION AF-06

INFO OCT-01 ISO-00 EB-07 /014 W
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P R 111600Z MAR 76
FM AMEMBASSY LAGOS
TO USDOC WASHDC PRIORITY
INFO SECSTATE WASHDC 3870

UNCLAS LAGOS 03053

E.O. 11652: N/A
TAGS: BEXP, BTIO, NI

1. COULD YOU PLEASE CONTACT: GEORGE E. DARSEY OR ROBERT DAVIS, TEXAS INSTRUMENTS INCORPORATED, P.O. BOX 6015, DALLAS, TEXAS 75222, PHONE 214-238-3401.

ROBERT W. ASHER, PRESIDENT, AEROMARITIME LTD.,
1156 FIFTEENTH STREET, N.W., WASHINGTON D.C. 20005, PHONE
202-659-8140.

COLLINS RADIO CO., 1200 N. ALMA RD., RICHARDSON,
TEXAS 75080, PHONE 214-235-9511.

2. THE FEDERAL PRISONS SERVICE HAS ISSUED A TENDER FOR H.F. AND V.H.F. RADIO TELEPHONES LINES, THE DEADLINE FOR WHICH IS MARCH 13. IF WE CAN GET COMPANIES TO SIMPLY EXPRESS INTEREST IN THE TENDER, WE CAN HAVE THE DEADLINE EXTENDED.

3. THE TENDER DOCUMENT REFERENCED HF/VHF/NPS/15 INVOLVES THE ESTABLISHMENT OF HIGH FREQUENCY RADIO-TELEPHONE LINKS BETWEEN THE OFFICE OF THE DIRECTOR OF PRISONS, ALAGBON CLOSE, IKOYI, LAGOS AND EACH OF THE STATE HEAD QUARTERS OF THE NIGERIAN PRISONS SERVICE SITUATED AT IBADAN, ILORIN, BENIN, ENUGU, CALABAR, PORT-HARCOURT, KADUNA, SOKOTO, JOS, MAIDUGURI, AND KANO. THE STATION EQUIPMENT AT EACH OF THE STATE HEADQUARTERS WILL BE LOCATED IN THE OFFICE OF THE ASSISTANT DIRECTOR OF PRISONS. IN THE CASE OF LAGOS, THERE
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WILL BE A VHF LINK BETWEEN THE STATE HEADQUARTERS AND THE

NATIONAL HEADQUARTERS.

4. GENERALLY, THE CONTRACTOR SHOULD ENGINEER, FURNISH, TRANSPORT, DELIVER, INSTALL, TEST AND COMMISSION THE EQUIPMENT AND ACCESSORIES, CABLE, TOWER/MASTS, AERIAL ETC. TO BE SUPPLIED UNDER THIS CONTRACT AND THE PROJECT SHALL BE FULFILLED ON TURN-KEY BASIS. THE CONTRACTOR SHOULD ALSO PROVIDE CLASSROOM AND ON-THE-JOB TRAINING FOR SELECTED NIGERIAN PRISON SERVICE PERSONNEL, USE NIGERIAN LABOR AS MUCH AS POSSIBLE, SUPPLY SPARE PARTS FOR TWO YEARS' MAINTENANCE OF THE SYSTEM AS FROM ONE YEAR AFTER ACCEPTANCE OF THE SYSTEM, PROVIDE A COMPLETE INVENTORY OF COMMUNICATION EQUIPMENT TO HAND OVER TO NPS, FURNISH COPIES OF EQUIPMENT AND ACCESSORIES MAINTENANCE MANUALS, BE RESPONSIBLE FOR CUSTOMS CLEARANCE AND STORAGE OF EQUIPMENT AND GUARANTEE THE SUPERVISION AND MAINTENANCE FOR A PERIOD OF TWELVE MONTHS AFTER THE ACCEPTANCE OF THE SYSTEM.

5. THE TECHNICAL SPECIFICATION OF THE H.F. EQUIPMENT ARE: FIXED, SIMPLEX, ASJ. 2-15 KHZ, 4-6 CHANNELS, FREQUENCY STABILITY BETTER THAN 5×10^{-6} OVER TEMPERATURE 0 DEGREES TO 50 C, POWER SUPPLIES OF 12V BC OR 200-250V, 50-60HZ AC, CONSTRUCTION RUGGED AND LIGHT WEIGHT, SOLID STATE AND MODULAR CONSTRUCTION, OPERATING TEMPERATURE RANGE 0 TO 50 DEGREES C, HUMIDITY: UP TO 95 DEGREES TO 50 DEGREES C, OUTPUT/INPUT IMPEDANCE 50 OHMS UNBALANCED, AND CHANNEL FREQUENCY BAND WITH 3KHZ. THE SPECIFICATION FOR THE TRANSMITTERS IF MAXIMUM RADIO FREQUENCY OUTPUT 100 W P.E.P., SPURIOUS RADIATION BETTER THAN -60 DB RELATIVE TO P.E.P., HARMONIC SUPPRESSION BETTER THAN -40DB RELATIVE TO P.E.P. AND CARRIER SUPPRESSION BETTER THAN 50DB. THE SPECIFICATIONS FOR THE RECEIVERS ARE SENSITIVITY LESS THAN IUV FOR 10DB S" N/N, SELECTIVITY 2.7 KHZ NOMINAL, A.G.C. LESS THAN 10DB FOR 30DB INPUT, AUDIO OUTPUT 3 WATTS AT LESS THAN 10 PERCENT DISTORTION.

6. THE SPECIFICATION FOR VHF EQUIPMENT IS FREQUENCY RANGE 148-174MHZ, UP TO 4 CHANNELS, CHANNEL SPACING OF 25KHZ, OUTPUT IMPEDANCE OF 50 OHMS UNBALANCED, MODE OF OPERATION SIMPLEX, FREQUENCY STABILITY BETTER THAN 5×10^{-6} , OPERATING TEMPERATURE RANGE 0 DEGREES TO 50 DEGREES C, CONSTRUCTION RUGGED AND LIGHT WEIGHT, SOLID STATE AND MODULAR CONSTRUCTION, HUMIDITY UP TO 95 PERCENT AT 50 DEGREES C POWER SUPPLIES: 12VDC OR 200-250V, 50-60 HZ A.C., THE SPECIFICATIONS FOR THE TRANSMITTER ARE R.F. POWER OUTPUT: 12-25V P.E.P. FOR BASE STATION AND MOBILE EQUIPMENT AND 5 WATTS MAXIMUM FOR PORTABLES: SPURIOUS RADIATION: BETTER THAN -60DB: HARMONIC RADIATION: BETTER THAN -60DB: HUM AND NOISE: 50DB: MODULA-

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TURE RANGE 0 DEGREES TO 50 DEGREES C, CONSTRUCTION RUGGED AND LIGHT WEIGHT, SOLID STATE AND MODULAR CONSTRUCTION, HUMIDITY UP TO 95 PERCENT AT 50 DEGREES C POWER SUPPLIES: 12VDC OR 200-250V, 50-60 HZ A.C., THE SPECIFICATIONS FOR THE TRANSMITTER ARE R.F. POWER OUTPUT: 12-25V P.E.P. FOR BASE STATION AND MOBILE EQUIPMENT AND 5 WATTS MAXIMUM FOR PORTABLES: SPURIOUS RADIATION: BETTER THAN -60DB: HARMONIC RADIATION: BETTER THAN -60DB: HUM AND NOISE: 50DB: MODULA-

TION DISTORTION: LESS THAN 5 PERCENT FOR 5KHZ AT 1KHZ.
THE SPECIFICATION FOR THE RECEIVERS ARE: SPURIOUS RESPONSE
BETTER THAN 70DB BELOW WANTED SIGNAL: USEABLE SENSITIVITY:
0.5UV FOR 12DB SINAD: SQUELCH SENSITIVITY: LESS THAN 0.5UV
THRESHOLD: AUDIO OUTPUT: 3 WATTS AT LESS THAN 10 PERCENT
DISTORTION.

7. COULD YOU PLEASE ADVISE US AS SOON AS POSSIBLE.
EASUM

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NNN

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